



AISHE Code: C-27584

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GOVERNMENT DEGREE COLLEGE, THORRUR

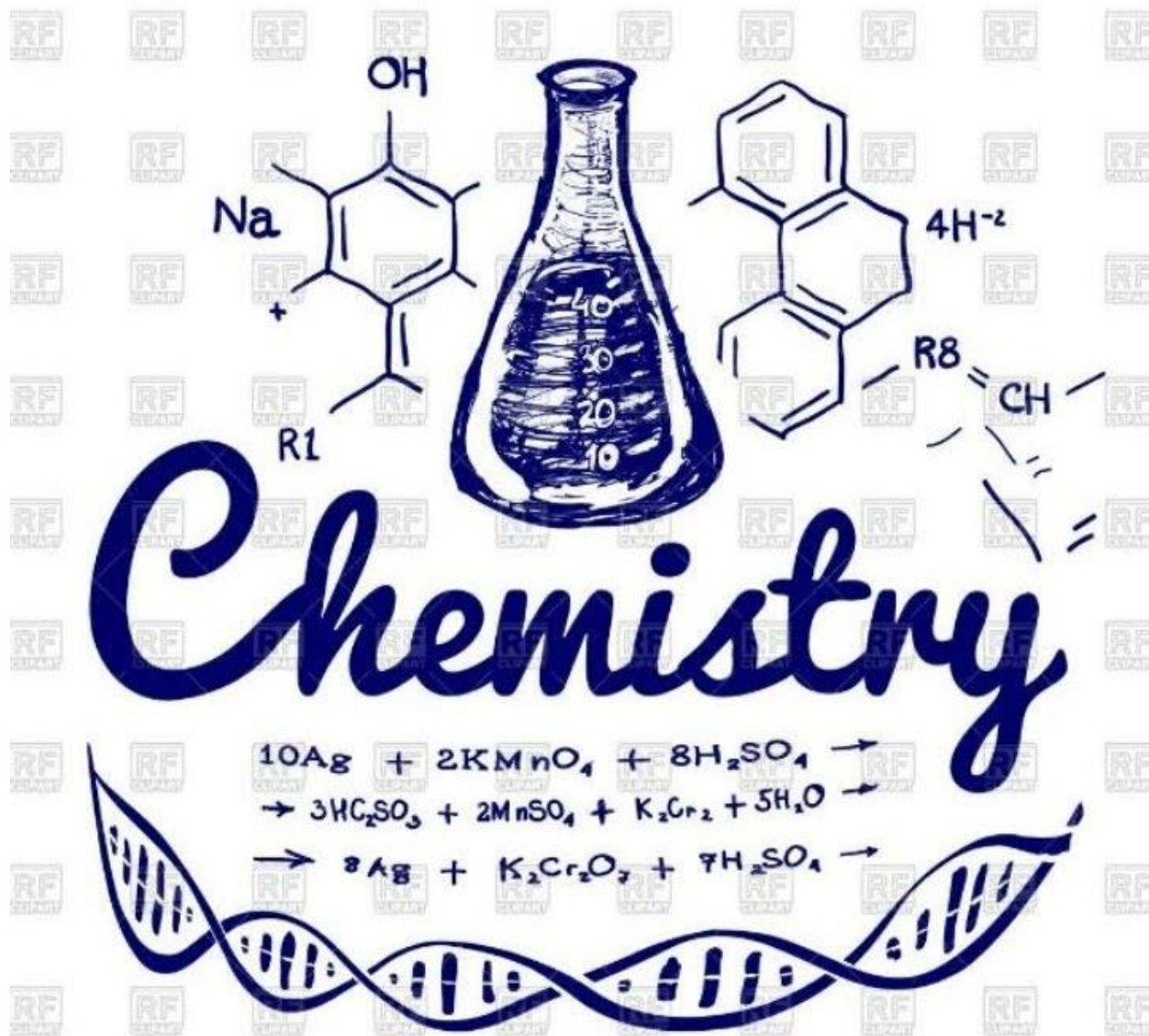
MAHABUBABAD DISTRICT, TELANGANA STATE – 506163

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DEPARTMENT OF CHEMISTRY



DEPARTMENTAL PROFILE

1. Name of the Department : Chemistry
2. Year of Establishment : 2008
3. Names of Programmes / Courses offered : Bzc & Diary
4. Annual/ semester/choice based credit System (programme wise) : Semester/ choice based
- Credit system
5. MoUs with other Colleges : GDC Mahabubabad ,KMDC khammam
6. Number of Teaching posts: 02

Designation	Sanctioned	Filled
Assistant professor	02	Regular and Contract.

7. Faculty profile :

Name	Qualification	Designation	No.of Yearsof Experience
Banoth Reddy	Msc, (Ph.D),B.Ed	Assist. proff	25
Dr. Anjum Aara	MSc,MPhil, B.Ed	Contract Lecturer	20

8. List of Senior Faculty visiting the Department : Nil

9. Student -Teacher Ratio (Programme wise)1:40

10. Student progression:

Student progression	Against % Enrolled
UG TO PG	66

11. Details of Infrastructural facilities: Lab Equipments

12. Details on student enrichment programmes (special Lectures /workshops/Seminar) with external Experts :Nil

CONTENTS

S.No	Content	Page No
1	Brief history of the department	4
2	Vision mission of the department end courses offered	4
3	The department maintains academic standing by highlights of the department /Academic curriculum	5
4	Infrastructure of the department equipment	6-7
5	Departmental library	8
6	Staff Particulars	8
7	Department time table	9
8	Work load	10
9	Curricular Aspects	11
10	Student Assignment	12
11	Student Quiz Competition	13
12	Student Group Discussion	14
13	Student seminars	15-16
14	Field Trips	17
15	Best Practices	18-20
16	Teaching and learning evaluation	21-22
17	Result Analysis	23
18	Research Consultancy and Extension	24-26
19	Infra structure And Learning Resources	27
20	Student Support And Progression	28
21	Celebration Of Commemorative Days	29-31
22	SWOC Analysis	32
23	Future Plan	33

BRIEF HISTORY OF THE DEPARTMENT

The collage was established during the year 2008 -2009 with traditional course like science and social science i.e B.SC ,B.A,B.COM

Science courses were introduced during the Academic year 2008 -2009 with BSC Botany, Zoology, Chemistry and MPC Maths,Physics,Chemistry.

The services of the following faculty were rendered to the department of chemistry from the establishment lecture in chemistry rendered the services in the department

VISSION

To impart education that generates good citizen with academic excellence and strong commitment to society to perpetuate value based education favorable to the progress of student stand society so as to promote peace and harmony.

MISSION

Our mission is to offer high quality education dedicated to building minds with conviction integrity social and moral responsibility we are committed to educating the students beyond the confines of a class room to make them better individuals and develop their personalities,enabling them to face the challenges of them in modern world.

COURSES OFFERED

1. B.Sc. Chemistry with Botany and Zoology (English medium from 2008-2009)
2. B.S Chemistry with Botany and Zoology (Telugu medium from 2008 –2009)
3. B.Sc. Chemistry with Maths and Physics(English Medium from 2008-2009)
4. B.sc Chemistry with Dairy science and Zoology (English medium from 2020-2021)

THE DEPARTMENT MAINTAINS ACADEMIC STANDARDS BY

1. Conducting slip test
2. Organising seminars
3. Giving assignments
4. Seminars presentations
5. Giving project works.

HIGHLIGHTS OF THE DEPARTMENT

The staff member of the department is active enthusiastic and since even in discharging his work load. They taught the subject of chemistry by creating zeal and invest among students

1. Bio-visual models are being used for better understanding and easy remembrance of the students.
2. Various models are exhibited to the students on the particular topic.
3. Students are asked to submit project reports, assignments, seminars.
4. Conducting field trips for students on concerned topics
5. Evaluation of the students is done by conducting slip test and internals.

INFRASTRUCTURE OF THE DEPARTMENT

The department is well established with sufficient equipment department purchase required equipment as per the norms of university and availability of funds provided by the government and non-government donors of local area. The following equipment is available in the department.



EQUIPMENT

The department has the following equipment for the benefit of the students.

- 1) Analytical Balance.
- 2) Atomic Model Set Organic and Inorganic molecules.
- 3) Centrifuge Machine.
- 4) Colorimeter Digital
- 5) Conductivity Meter Digital
- 6) Reflux Condenser.
- 7) Chromatography.
- 8) Stalagmeter.

DEPARTMENT OF LIBRARY

Department library has that books as well as reference books. Department maintains question papers and study materials to strength then the knowledge of the students. The department library has books covering different aspects of chemistry such as carrutheirs jerry march, unified chemistry etc.

Details of Teaching Staff:

Name of the staff	Designation	Qualification	Period
B.Rajeswary	Contract lecturer	M.Sc	1-9-2008 TO 31-3 - 2012
P.Vijitha	Contract lecturer	M.Sc	20-7-2012 TO 16-4-2016
V.Aravind	Regular	M.Sc	31-7-2016 TO 3-7-2018
A.Rajani	Contract lecturer	M.Sc	16-10-2018 TO 05-1-2020
B.Reddy	Regular	M.Sc (Ph.D) B.Ed	06-11-2019 TO 25-11-2019
B. Badru	Regular	M.Sc	02-1-2020 TO 24-10-2020
Dr.CH. Sudhakar	Regular	M.Sc	25-10-2020 TO 16-2-2022
B.Reddy	FAC	M.Sc (Ph.D) B.Ed	25-10-2022 TO TILL DATE
Dr. Anjum Aara	Contract lecturer	M.Sc,M.Phil ,B.Ed Ph.D	16 -2- 2022 TO TILL DATE

TIME TABLE

DAYS	I 10:00 TO 11:00	II 11:00 TO 12:00	III 12:00 TO 1:30	IV 1:30 TO 2:30	V 2:30 TO 3:30	VI 3:30 TO 4:30
MON	BZC III (BR) DZC III (AA)	BZC II (BR) DZC II (AA)	BZC I (BR) DZC I (AA)		BZC III (BR) DZC III (AA)	
TUE	BZC III (BR) DZC III (AA)	BZC II (BR) DZC II (AA)	BZC I (BR) DZC I (AA)		DZC III (AA)	
WED	BZC III (BR) DZC III (AA)	BZC II (BR)	BZC I (BR) DZC I (AA)		BZC I (BR) DZC II (AA)	III WRM
THU	BZC III (BR) DZC III (BR)	BZC II (BR) DZC II (AA)	BZC I (BR) DZC I (AA)		BZC II (BR) DZC III (AA)	
FRI		BZC,DZC,MPCS (WRM)			III WRM (AA)	
SAT	BZC III(WRM) (AA)				DZC I (AA) BZC I (BR)	

WORK LOAD OF THE DEPARTMENT

S.NO	SUBJECTS	WORK LOAD
1	Theory classes work load	24
2	Practical workload	27
3	RMP-Method Method Of Pollution	04
4	WRM-Water Resource Management	04
5	TOTAL WORK LOAD	59

S.NO	LECTURER NAME	PAPER 1 BZC&DZC	PAPER 2 BZC&DZC	PAPER 3 BZC&DZC	TOTAL WORK LOAD BZC&DZC
1	BANOTH REDDY	4+3	4+3	4+3	21
2	Dr. ANJUM AARA	4+6	4+4+6	4+4+6	38

Curricular Aspects

The curriculum taught in this institution is according to the syllabus issued by the Department of chemistry Kakatiya University Warangal. The subject is dealt in theory and practical in laboratory . Besides, the students will be exposed to various curricular activities carried out in and out the college .They will be provided with teaching notes and books for references.

Year wise annual curricular plan is prepared by the department in advances and same will be intimated to the students. As per the schedule.

Coverage of syllabus is being reviewed quarterly in the department meeting held at regular intervals. Improvement of syllabus is being done by incorporating the additional curriculam modules. The students of chemistry are taught the subject by different methods.

- 1 Overhead projector
- 2 Charts
- 3 PPT
- 4 Quiz programs
- 5 Field visit
- 6 Assignments
- 7 Seminars
- 8 Project works
- 9 Extension lectures
- 10 Best practices.

ASSIGNMENTS

To inculcate the study culture among students are given periodically, an assignment makes students to read and write the subject in a detailed way. It enables them to have knowledge of the subject.



QUIZ COMPETITION

To inculcate a healthy and competitive spirit. The students are divided into different groups and quiz competition is conducted .

The student responded with great zeal and enthusiasm.



GROUP DISCUSSION

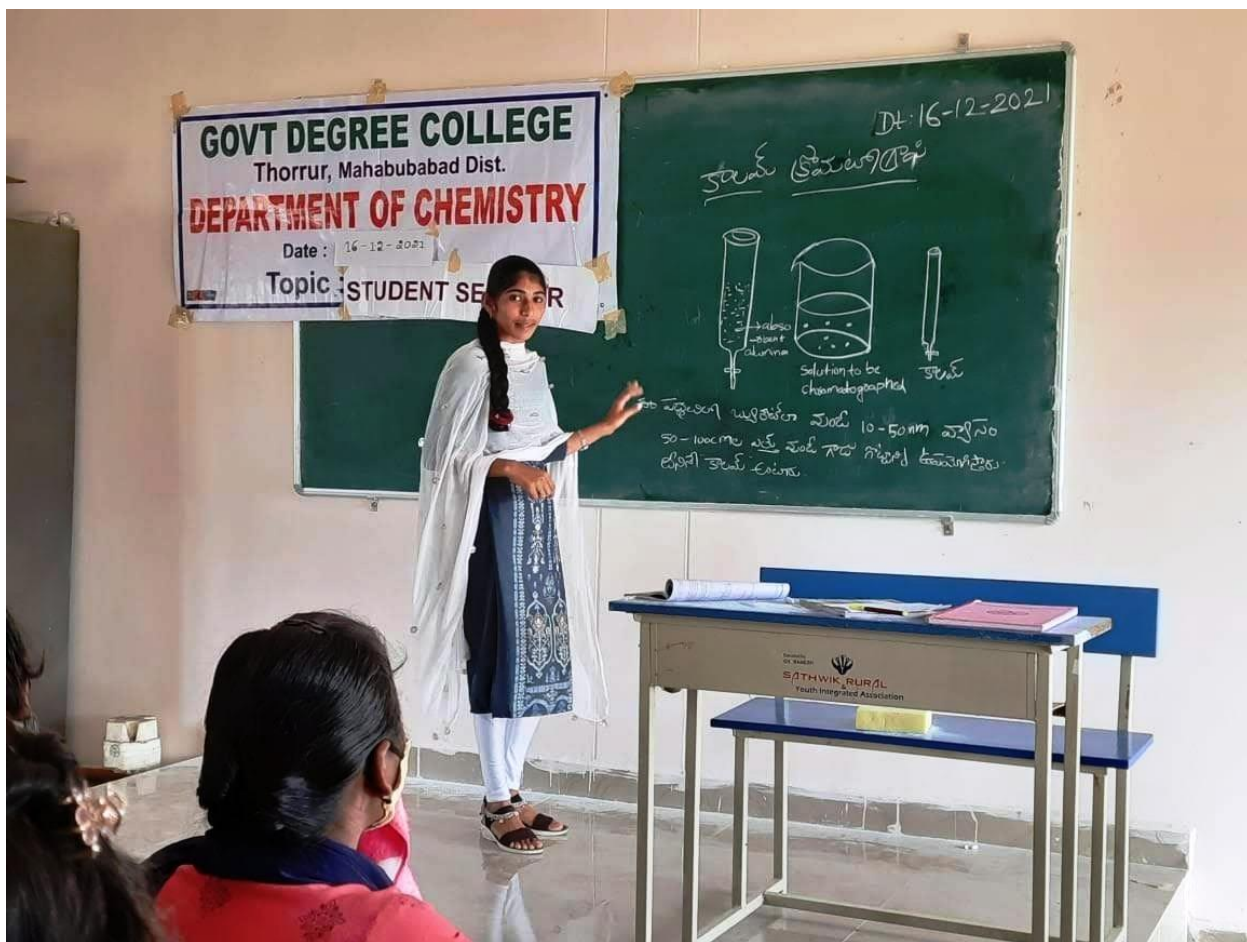
This is novel type of engaging the student during their leisure hours and to inculcate a sense of application among them generally the topics are of subject and few belonged to General Science and Dairy Science . Always they were monitored by a student leader and possibly with the Assistance of faculty member. Because of the varied opinion expressed by different students , all the participants gets much information , they also help the students to move in a group and made them realize . the importance of team work .



STUDENT SEMINAR

The department of chemistry encourages student to actively participate in the seminar presentation. The presentation of seminar allows the students to increase the analytical skill of the subjects. To present the seminar the students needs to have a good knowledge of the subject this work helps the students to develop teaching and presentation skills.





FIELD TRIP

As a part of curriculum field trips are conducted so as to enhance the scientific attitude among the students of chemistry reasoning ability of the students.



BEST PRACTICES

The department of chemistry encourages students to actively participate in best Practices. As collections of medicine and donated to needy and orphan people as then practice make a students to helpful to the society. It is one of relationship between society and to the students.





GPS Map Camera



Thorrur, Telangana, India
HMCC+3Q3, Bandameedi Thanda, Thorrur,
Telangana 506163, India
Lat 17.570054°
Long 79.670934°
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TEACHING LEARNING AND EVALUTION TEACHING

Year long annual teaching is prepared for teaching faculty member take the classes according to the timetable after admitting the student into Ist year program .Special classes are conducted to bring all the students of Ist year to a uniform level seminars ,group discussion ,quiz programmes are added to supplement the normal teaching practices for better understanding charts ,ppt's, ICT tools are used as teaching aids .



TEACHING AND LEARNING EVALUATION

TEACHING

Yearlong Annual teaching is prepared for teaching. Faculty member take the classes According to the time-table. After admitting the students into 1st year program, Special classes are conducting to bring all the students of 1st year to a uniform level. Seminars, group discussions, quiz programs are added to supplement the normal teaching practices. For better understanding charts, PPT'S, ICT tools are used as teaching aids.

LEARNING

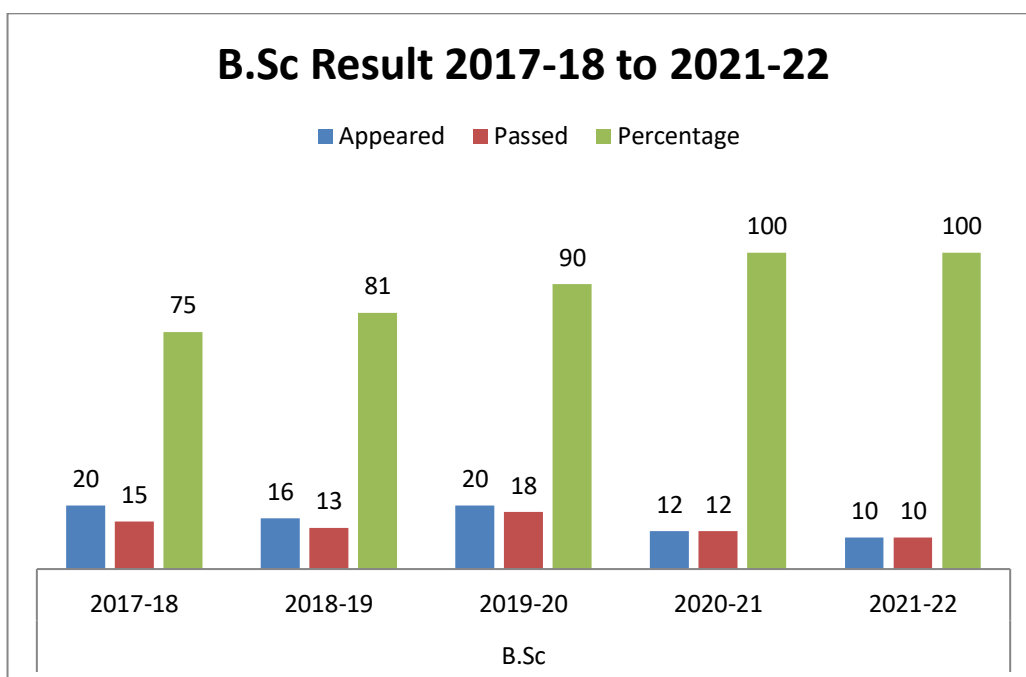
To encourage independent learning in addition to class room learning, some study projects are undertaken. Assignments are given to increase the students learning capacity. Model questions are also discussed. To make the students acquire additional knowledge, guest lecturers & extension lectures are arranged.

EVALUATION

This is an important process of feedback from students through which the faculty member will assess the level of understanding of the students with regard to the subject and ability of subject reproduction. This is done by regular conduct of tests. This will reveal the difference between the slow and advanced learners. This will enable the lecturer to conduct remedial classes for the slow learners and assign project works for bright students. Marks secured by the students are maintained in a register.

RESULT ANALYSIS

Government Degree College, Thorrur				
Department of Chemistry Result Analysis- 2017-18 to 2021-22				
Year		Appeared	Passed	Percentage
B.Sc Chemistry	2017-18	20	15	75
	2018-19	16	13	81
	2019-20	20	18	90
	2020-21	12	12	100
	2021-22	10	10	100



RESEARCH CONSULTENCY AND EXTENSION

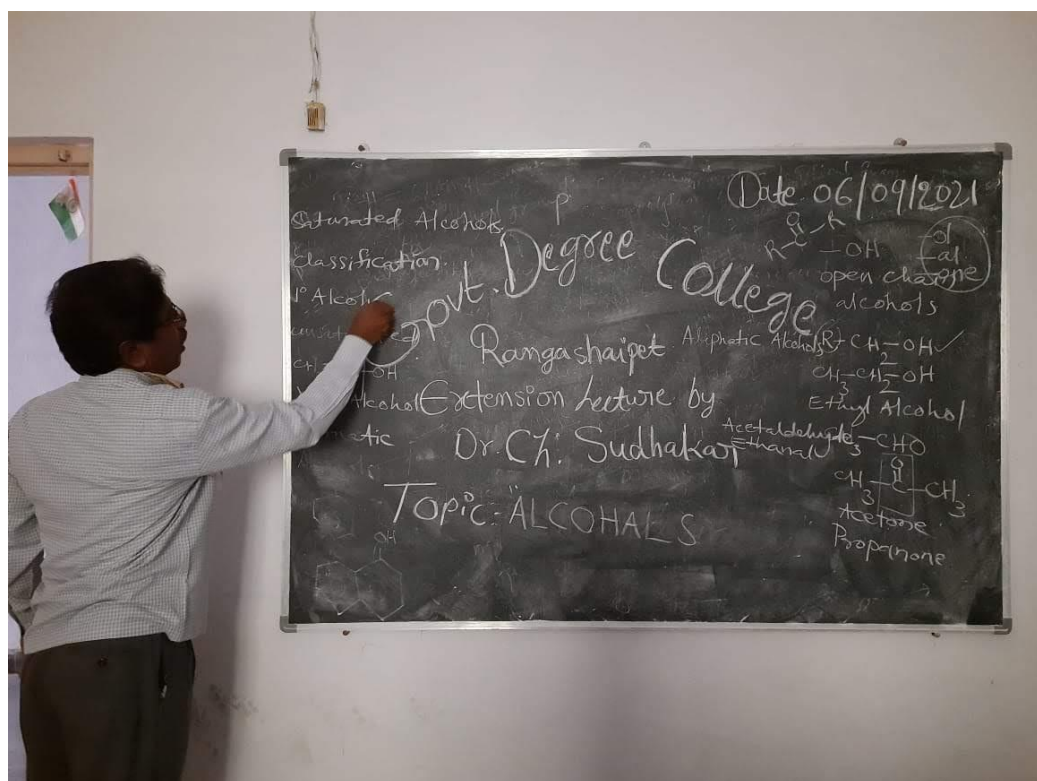
The faculty of our department provides research journals and prepared for student study projects to inculcate research attitude.

The faculty member attended/participated various international, national seminar symposium, workshops and FDP's published recognized journals.

Faculty member contribute his services by involving as convener and member of various committees:-

Banoth Reddy as a sports and games convener and a member of examination branch, academic coordinator, infrastructure and lab equipments, student grievance.

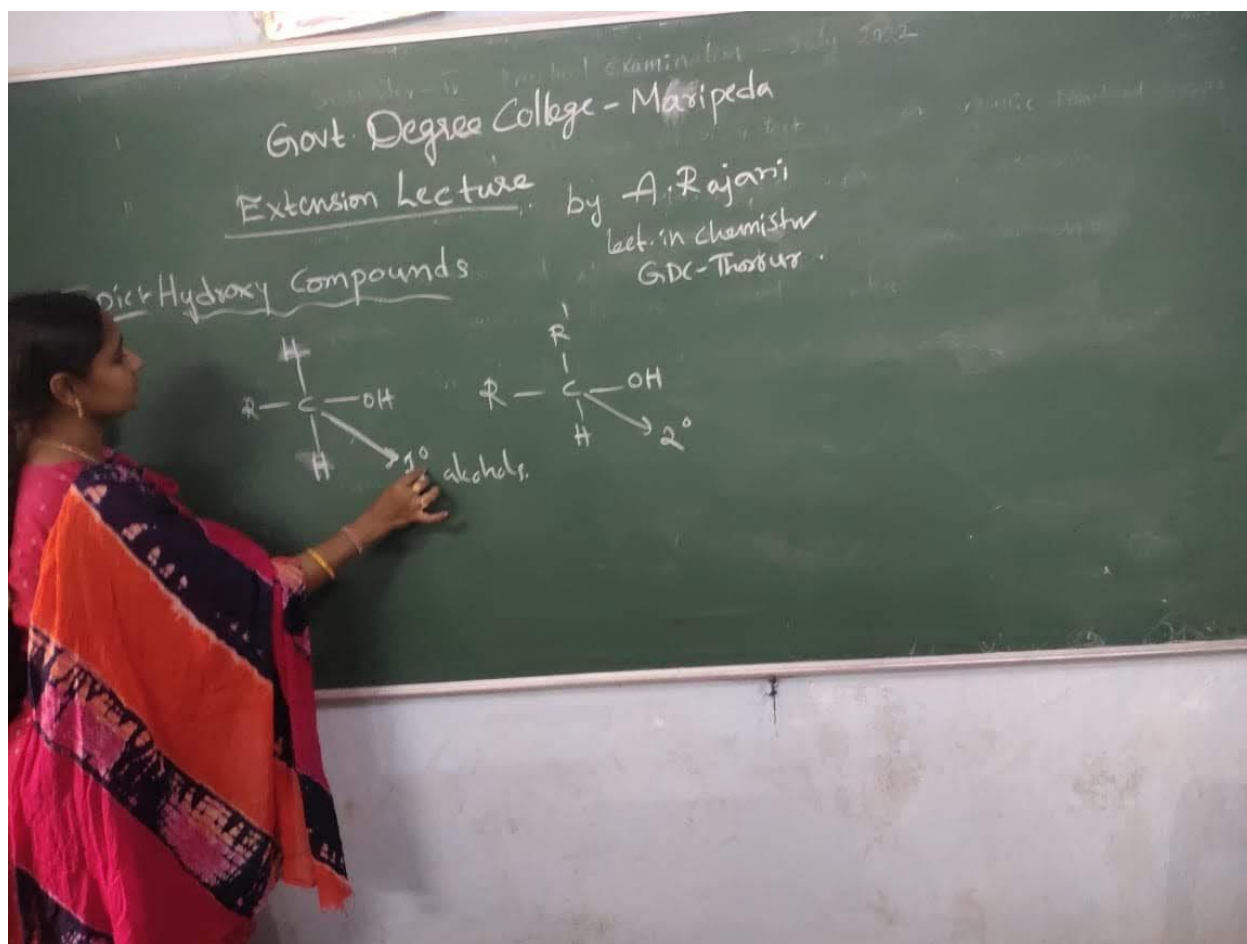
Dr.Anjum Aara as a member of examination branch,academic activites,women empowerment cell.



Dr.Ch.Sudhakar,Extension Lecturer at GDC ,Rangasaipet



B.Badhru Extension Lecture from SR&BGNR Govt College,Khammam



A .Rajani Extension Lecturer at GDC Maripeda

INFRASTRUCTURE AND LEARNING RESOURCES

The college has a well established library and its serves the student community by learning text books and references books .As part from the college central library the department library.



STUDENT SUPPORT AND PROGRESSIONS

The lecture of the department take special care in counseling the students so that the psychological aspects of the students by strengthens them to face the the

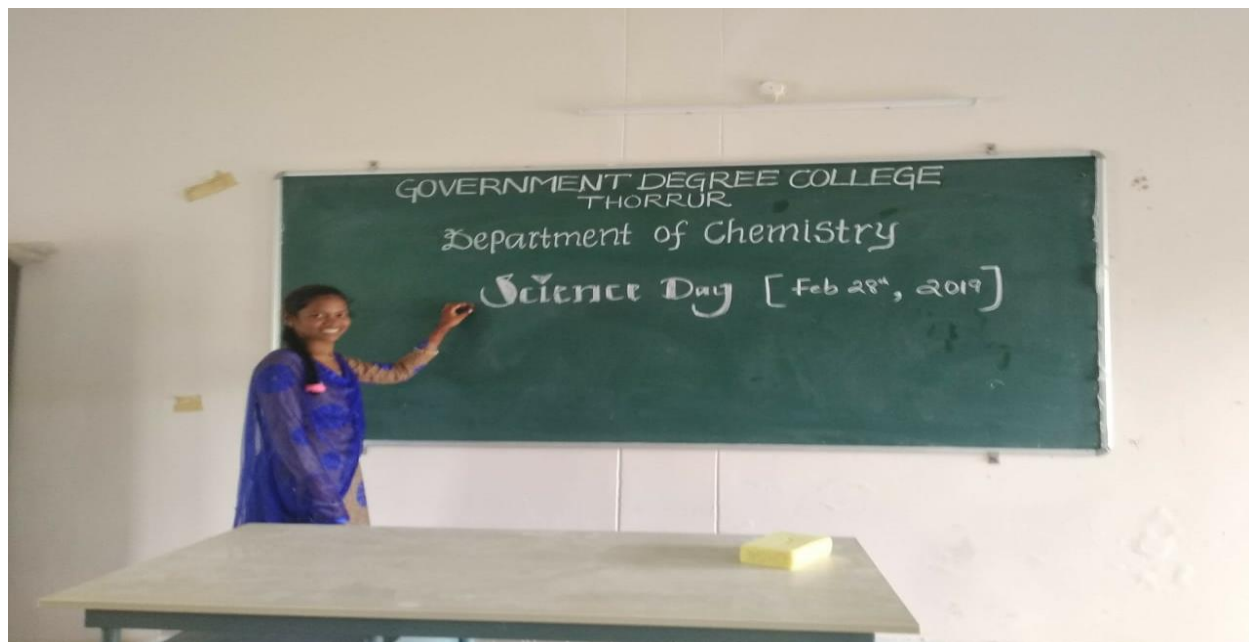
Future with confidences .

The department conducts career guidance classes , Bed courses

D . Pramila IN CPGET ranks and got seat in NIIT.



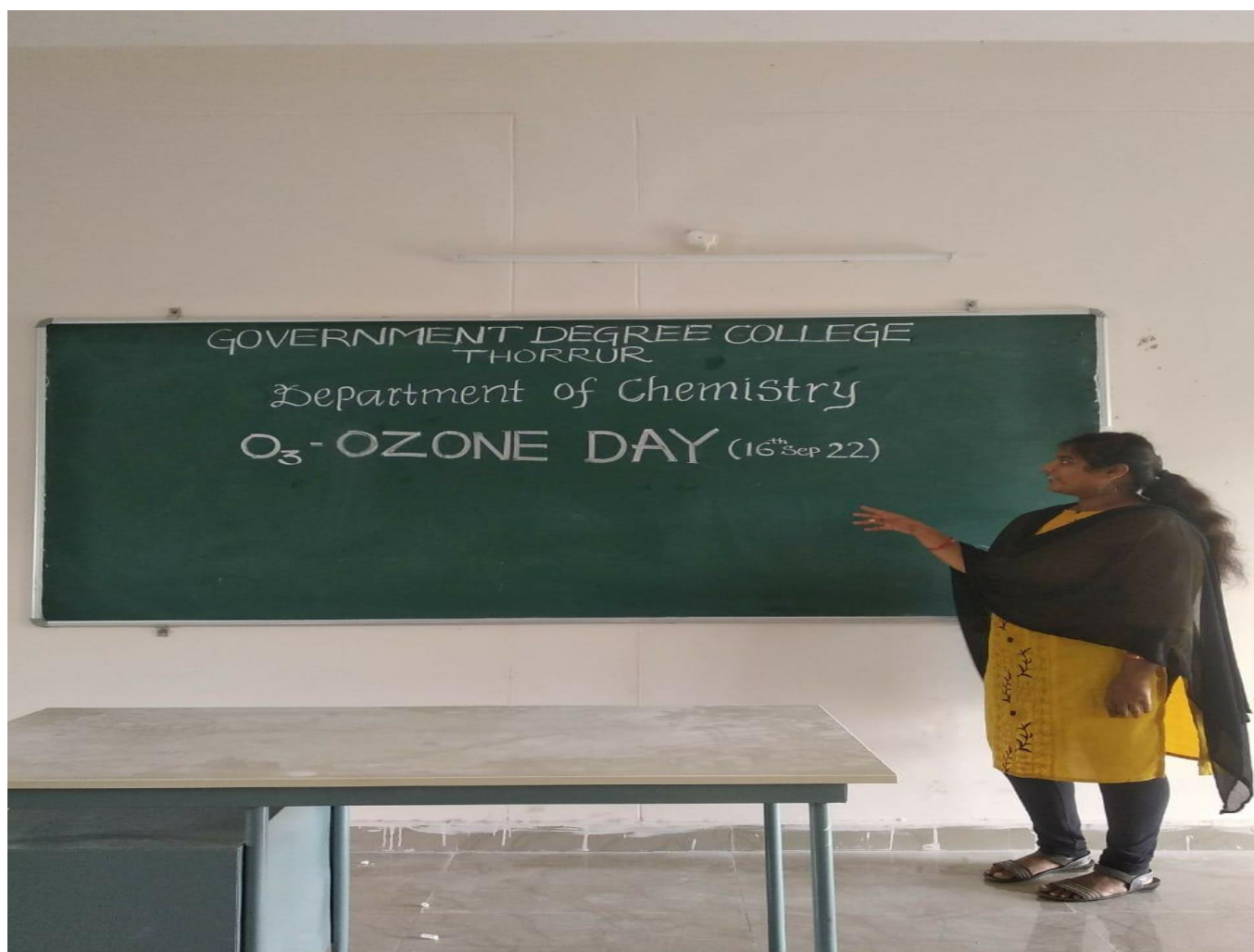
Celebration of Commemorative Days:



Science Day: February- 28- 2019



Chemistry day:10-12-2018



Ozone Day: September-16-2022



Ozone Day: 16-09-2022



Ozone Day:16-09-2022

SWOC ANALYSIS

A SWOC analysis is a strategic planning tool and development has used during the curriculum assessment and review process to make informed decision based upon collective input from the multiple stake holders of chemistry department

Strengths:

- Qualified and experienced faculty
- Use of PPT, ICTS ,Tools, Charts and models for learning inputs
- Encouraging students to take up students study projects, seminars, certificate Courses.
- Conduction of guest lecturers, extension lecturers, quiz competitions.

Weaknesses:

- Most of the students are first generation educators in their family.
- Students come from very far places from rural background.

Opportunities:

- Wide opportunity to pursue the masters in CHEMISTRY in different universities
- Chemistry syllabus is greatly useful in preparation for competitive exams as well as getting self employment like medical representatives, lab technicians etc...

Challenges:

Competition from private institution and outside.

Future Plan:

Proposed to Arrange Extension Lectures by Subject Experts and Specialists From Kakatiya University Warangal and Osmania University Hyderabad.

Proposed to Arrange Field Trips

Conduct National Seminars and Work shops

Inculcating the student to participate in Jignasa Project.

THANK YOU